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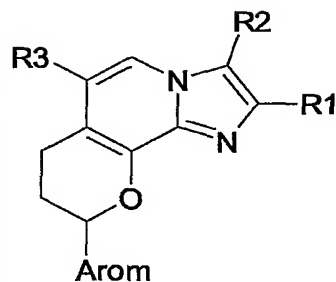
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[Continued on next page]

(54) Title: 7H-8,9-DIHYDRO-PYRANO (2,3-C) IMIDAZO (1,2A) PYRIDINE DERIVATIVES AND THEIR USE AS GASTRIC ACID SECRETION INHIBITORS



- (1) (57) Abstract: The invention provides compounds of the formula (1), in which R1 is hydrogen, 1-4C-alkyl, 3-7C-cydoalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4Calkyl, R2 is hydrogen, 1-4C-alkyl, 3-7C-cydoalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, hydroxy-3-4-C-alkenyl, hydroxy-3-4C-alkynyl, halogen, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, cyanomethyl, hydroxy, 1-4C-alkoxy, amino, mono- or di-1-4Calkylamino, 1-4C-alkylcarbonylamino, 1-4C-alkoxycarbonylamino, 1-4C-alkoxy-1-4Calkoxycarbonylamino, carboxyl, mono- or di-1-4C-alkylamino-1-4C-alkyl, 1-4C-alkylcarbonyl, 2-4C-alkenylcarbonyl, 2-4C-alkynylcarbonyl or the radical -CO-NR21R22, R3 is 1-4C-alkylcarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, fluoro-1-4C-alkoxy-1-4C-alkyl, cyano, the radical -CO-NR31R32, the radical -SO2-NR31

R32, the radical -CS-NR31 R32, the radical -C=N(OH)-NR1 R32 or the group Het. Arom is a R4-, R5-, R6- and R7-substituted mono- or bicyclic aromatic radical selected from the group consisting of phenyl, naphthyl, pyrrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, indolyl, benzimidazolyl, furanyl (furyl), benzofuranyl (benzofuryl), thiophenyl (thienyl), benzothiophenyl (benzothiienyl), thiazolyl, isoxazolyl, pyridinyl, pyrimidini, quinolinyl and isoquinolinyl. The compounds inhibit the secretion of gastric acid.



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